



Purchasing Agent: DAVID GILL  
(801) 538-3254

Item: TRUCK MOUNTED, HYDRAULIC DRIVE, ROTARY BROOM

Vendor: 10965B A A G BODY  
P.O. BOX 27755  
SALT LAKE CITY, UT 84127

Internet Homepage: [www.agbody.com](http://www.agbody.com)

Telephone: (801) 975-0400

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Contact: John P. Leroy

Email address: [jpl@agbody.com](mailto:jpl@agbody.com)

Brand/trade name: M-B Companies

Price: See Attached Price List

Terms: Net 30

Effective dates: 10/01/04 – 10/01/06

Days required for delivery: 30 – 60 days after receipt of order

Price guarantee period: 1 year

Minimum order: 1 unit

Min shipment without charges: Included in Pricing/ fob Salt Lake City

Other conditions: Potentially renewable until 10/01/09

This is a new Contract
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This contract covers only those items listed in the price schedule. It is the responsibility of the agency to ensure that other items purchased are invoiced separately. State agencies will place orders directly with the vendor (creating a PG in Finet) and make payments for the same on a PV referencing the original PG. The Agencies will return to the vendor any invoice which reflects incorrect pricing.

This contract resulted from bid # PM5026

**TRUCK MOUNTED, HYDRAULIC DRIVE, ROTARY BROOM AS FOLLOWS:**

ITEM	PRODUCT DESCRIPTION	BASE PRICE
1	Truck-mounted, hydraulic drive, rotary brooms	\$8,685.00
<b>AVAILABLE OPTIONS:</b>		
ITEM	PRODUCT DESCRIPTION	PRICE
1	Water tank, 150 gal. minimum, for supplying a fine curtain of water across face of brush controlling airborne dust	\$1,435.00
2	Inverted hydraulic motor on broom core. To allow sweeping as close to broom core edge as possible.	\$ 605.00

**Technical Specifications:****GENERAL SPECIFICATIONS**

This specification describes truck mounted broom to be mounted through a quick coupler to a 58,000 gvw dump truck. The broom is to run off of the truck hydraulics, specifically the sander circuit (20 gpm). These devices shall be complete, assembled, mounted, serviced, tested and certified in accordance with these specifications and shall meet or exceed all the following requirements.

**DETAILED SPECIFICATIONS, SWEEPER****GENERAL**

- 1.1 Shall be a hydraulically driven rotary broom.
- 1.2 Broom shall be 32 inches in diameter x 144 inches wide
- 1.3 Broom shall be complete with all mounting hardware and hitch.
- 1.4 Broom shall include sprinkler system.

**FRAME**

- 2.1 2each brush arms, one at each end, to support drive motors, brush core, motor guards and bearing supports.



- 2.2 Frame shall be manufactured with two caster supports.
- 2.3 Two caster wheels shall be mounted behind brush frame and in travel path.
- 2.4 Casters shall rotate 360 degrees for maneuverability.
- 2.5 Provisions shall be made so a clearance flag can be mounted on both side of brush frame.
- 2.6 An oscillating pivot shall be incorporated to allow broom to follow ground irregularities.
- 2.7 Identification

Units shall have a metal tag permanently attached to hitch frame with the following information: Manufacturer's name, year of manufacture, model number and serial number. Also, 2 inch high U.D.O.T. 6 digit unit numbers, located on the left side of the hitch frame. The unit number shall be applied by welding directly to the metal or by welding on a steel plate with the number.

## DRIVE

- 3.1 For maximum operational functionality, an identical splined hub is required on both ends of unit, regardless of size and/or drive requirements.
- 3.2 Core shall be designed such that it can be installed with either end left or right with no effect on sweeping performance.
- 3.3 Motors shall be guarded by formed deflecting guards.

## BRUSH

- 4.1 Diameter is shall be 32 inch minimum and width to be 144 inches.
- 4.2 Rotation speed shall be variable up to 200 rpm.
- 4.3 Shall have a refillable core with flat wafers type segments alternating with brush hubs functioning as spacers.
- 4.4 Broom shall be constructed such that core can be removed from the machine without the disconnection of hoses from the motors.

## SWING

- 5.1 Broom shall be capable of sweeping either 30 degrees left or right of center.
- 5.2 Provisions shall be made to manually hold broom in the 0 degree position.
- 5.3 Broom shall swing on a center pivot.
- 5.4 Shall have hydraulic swing cylinder.
- 5.5 Shall provide a flat bar on the swing frame that will mount to a U.D.O.T. quick hitch. The flat bar should be 1 inch thick by 5 inches wide x 33 ½ inches long with a 1 ½ inch hole drilled in the center (U.D.O.T. will install quick hitch after delivery of unit). To be discussed after the bid is awarded.



## BRUSH HOOD

- 6.1 Shall cover 155 degrees of the brush circumference minimum.
- 6.2 Shall have a formed edge fold for strength.
- 6.3 Shall be pre-drilled for installation of dirt deflector on the leading edge of hood.
- 6.4 Both ends shall be covered by formed end plates.
- 6.5 Shall include dirt deflector.

## BRUSH LIFT

Lift is to be provided by prime mover's snow plow lift cylinder.

## PAINT

Unit shall be painted manufacture's standard color.

## REPORTS:

The contractor will submit quarterly reports to the State Purchasing Agent showing quantities and dollar volume of purchases by each agency and political subdivision.

FINET COMMODITY CODE(S): (FOR AGENCY USE ONLY)

76577000000 - SWEEPERS, DRAG BROOMS, ETC. AND PARTS

SHIPPING COMMODITY CODE(S): (FOR AGENCY USE ONLY)

90634000000